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1 Specifying protocols for multi-agent systems interaction
💠 Stefan Poslad
November 2007 **Transactions on Autonomous and Adaptive Systems (TAAS)** , Vo
Publisher: ACM
Full text available: 📄 Pdf (276.58 KB)   Additional Information: full citation, abstract, references, ind

Bibliometrics: Downloads (6 Weeks): 51, Downloads (12 Months): 431, Citation Count: 0

Multi-Agent-Systems or MAS represent a powerful distributed computing model, en
cooperate and complete with each other and to exchange both semantic content ar
context to more automatically and accurately interpret the content. ...

Keywords: Multi-Agent systems, autonomy, deployment, semantics, social interac

▼ **Refine by Publications**
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Publishers

2 Fast detection of communication patterns in distributed executions
Thomas Kunz, Michiel F. H. Seuren
November 1997 **CASCON '97:** Proceedings of the 1997 conference of the Centre for A
                 Collaborative research
Publisher: IBM Press
Full text available: 📄 Pdf (4.21 MB)   Additional Information: full citation, abstract, references, ind

Bibliometrics: Downloads (6 Weeks): 47, Downloads (12 Months): 387, Citation Count: 0

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Understanding distributed applications is a tedious and difficult task. Visualizations
time diagrams are often used to obtain a better understanding of the execution of
The visualization tool we use is Poet, an event ...

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3 Distributed interface bits: dynamic dialogue composition from ambient computi
Anthony Savidis, Constantine Stephanidis
May 2005   **Personal and Ubiquitous Computing** , Volume 9 Issue 3
Publisher: Springer-Verlag
Full text available: 📄 Pdf (1.70 MB)   Additional Information: full citation, abstract, references, cit

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 65, Citation Count: 3

This paper discusses a particular issue in the context of disappearing computing, na
mobility. Mobile users may carry with them a variety of wireless gadgets while bein
physical environment encompassing numerous computing devices. ...

Keywords: Abstract dialogue elements, Adaptive interaction, Ambient dialogues, [
interface composition, Wearable interfaces

4
Frontmatter (TOC, Letters, Philosophy of computer science, Interviewers need

software requirements creation from folklore to analysis, SW components and from business to systems and technology, Software engineering survey)
September 2005 **SIGSOFT Software Engineering Notes** , Volume 30 Issue 5
Publisher: ACM
Full text available: Pdf (1.98 MB)   Additional Information: full citation, index terms

Bibliometrics: Downloads (6 Weeks): 46,   Downloads (12 Months): 325,   Citation Count: 0

5 Queue: Volume 6 Issue 1
January 2008 Queue
Publisher: ACM
Full text available: Digital Edition , Pdf (6.04 MB) Additional Information: full citation, index terms

Bibliometrics: Downloads (6 Weeks): 117,   Downloads (12 Months): 481,   Citation Count: 0

6 A generic component model for building systems software
Geoff Coulson, Gordon Blair, Paul Grace, Francois Taiani, Ackbar Joolia, Kevin Lee, Jo Thirunavukkarasu Sivaharan
February 2008 **Transactions on Computer Systems (TOCS)** , Volume 26 Issue 1
Publisher: ACM
Full text available: Pdf (603.88 KB)   Additional Information: full citation, abstract, references, ind

Bibliometrics: Downloads (6 Weeks): 66,   Downloads (12 Months): 994,   Citation Count: 6

Component-based software structuring principles are now commonplace at the app componentization is far less established when it comes to building low-level system Although there have been pioneering efforts in applying componentization ...

Keywords: Component-based software, computer systems implementation

7 Web browser accessibility using open source software
Željko Obrenović, Jacco van Ossenbruggen
May 2007   **W4A '07:** Proceedings of the 2007 international cross-disciplinary confere accessibility (W4A)
Publisher: ACM
Full text available: Pdf (505.76 KB)   Additional Information: full citation, abstract, references, ind

Bibliometrics: Downloads (6 Weeks): 29,   Downloads (12 Months): 253,   Citation Count: 0

A Web browser provides a uniform user interface to different types of information. interface universally accessible and more interactive is a long term goal still far fro Universally accessible browsers require novel interaction ...

Keywords: middleware, open source software, software platform, user interfaces,

8 Striving for versatility in publish/subscribe infrastructures
Roberto S. Silva Filho, David F. Redmiles
September 2005 **SEM '05:** Proceedings of the 5th international workshop on Software middleware
Publisher: ACM
Full text available: Pdf (280.13 KB)   Additional Information: full citation, abstract, references, cit review

Bibliometrics: Downloads (6 Weeks): 1,   Downloads (12 Months): 29,   Citation Count: 1

Publish/subscribe infrastructures are used as the basic communication and integrat many application domains. The majority of those infrastructures, however, fall shor

that allow their customization and configuration to ...

Keywords: event-based middleware, flexible architecture, notification servers, plu
extensible languages application, publish/subscribe

9 Reconceptualizing a Family of Heterogeneous Embedded Systems via Explici
Support
Sam Malek, Chiyoung Seo, Sharmila Ravula, Brad Petrus, Nenad Medvidovic
May 2007   **ICSE '07**: Proceedings of the 29th international conference on Software E
Publisher: IEEE Computer Society
Full text available: Pdf (405.40 KB)   Additional Information: full citation, abstract, references, cit

Bibliometrics: Downloads (6 Weeks): 2,   Downloads (12 Months): 49,   Citation Count: 4

It has been widely advocated that software architecture provides an effective set o
engineering (families of) complex software systems. However, architectural concep
supported directly at the level of system implementation. ...

10 System Software for Audio and Visual Networked Home Appliances on Comm
Systems
Tatsuo Nakajima
November 2001   **Middleware '01**: Proceedings of the IFIP/ACM International Conferen
                Systems Platforms Heidelberg
Publisher: Springer-Verlag
Full text available: Pdf (371.41 KB)   Additional Information: full citation, cited by

Bibliometrics: Downloads (6 Weeks): 0,   Downloads (12 Months): 0,   Citation Count: 3

11 Content sharing middleware for mobile devices
Petros Belimpasakis, Juha-Pekka Luoma, Mihaly Börzsei
February 2008   **MOBILWARE '08**: Proceedings of the 1st international conference on l
                MiddleWARE, Operating Systems, and Applications
Publisher: ICST (Institute for Computer Sciences, Social-Informatics and Telecommunications
Full text available: Pdf (706.62 KB)   Additional Information: full citation, abstract, references, ind

Bibliometrics: Downloads (6 Weeks): 20,   Downloads (12 Months): 156,   Citation Count: 0

As mobile smart phones have evolved being converged devices, they are able to ge
consume different types of high quality content, such as images, music and video.
to share, synchronize and archive their content, lead to the ...

Keywords: Symbian, content, middleware, mobile devices, sharing

12 A web-based resource migration protocol using WebDAV
Michael Evans, Steven Furnell
May 2002   **WWW '02**: Proceedings of the 11th international conference on World Wi
Publisher: ACM
Full text available: Pdf (296.85 KB)   Additional Information: full citation, abstract, references, ind

Bibliometrics: Downloads (6 Weeks): 8,   Downloads (12 Months): 27,   Citation Count: 0

The web's hyperlinks are notoriously brittle, and break whenever a resource migrat
this problem is a transparent resource migration mechanism, which separates a res
from its identity, and helps provide referential integrity. ...

Keywords: WebDAV, link rot, referential integrity, resource locator service, resour protocol, web

13 WADE: a software platform to develop mission critical applications exploiting a workflows
Giovanni Caire, Danilo Gotta, Massimo Banzi
May 2008   AAMAS '08: Proceedings of the 7th international joint conference on Auto and multiagent systems: industrial track
Publisher: International Foundation for Autonomous Agents and Multiagent Systems
Full text available: Pdf (466.09 KB)   Additional Information: full citation, abstract, references, ind

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 81, Citation Count: 0

In this paper, we describe two mission critical applications currently deployed by Te Operations Support System domains. The first one called "Network Neutral Elemen implements a mediation layer between network elements and ...

Keywords: JADE, OSS, XPDL, flexibility, open source, scalability, software agent, network, workflow

14 A modular implementation framework for code mobility
Cidiane Lobato, Alessandro Garcia, Carlos Lucena, Alexander Romanovsky
October 2006 Mobility '06: Proceedings of the 3rd international conference on Mobile applications & systems
Publisher: ACM
Full text available: Pdf (153.52 KB)   Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 36, Citation Count: 1

With the growing popularity of open distributed applications, mobile agents have na as the fundamental technique for tackling the complexity of the emerging applicatio pervasive nature of code mobility issues implies that ...

Keywords: aspect-oriented programming, mobile agent, mobility platform

15 Mobile media: making it a reality
Fred Kitson
May 2005   Queue , Volume 3 Issue 4
Publisher: ACM
Full text available: Html (31.52 KB), Pdf (528.08 KB) Additional Information: full citation, abstract, terms

Bibliometrics: Downloads (6 Weeks): 126, Downloads (12 Months): 276, Citation Count: 0

Two prototype apps reveal the challenges in delivering mobile media services.

16 Using XML and related standards to support Location Based Services
Anastasios Ioannidis, Manos Spanoudakis, Panos Sianas, Ioannis Priggouris, Stathes L Lazaros Merakos
March 2004 SAC '04: Proceedings of the 2004 ACM symposium on Applied computing
Publisher: ACM
Full text available: Pdf (270.83 KB)   Additional Information: full citation, abstract, references, cite

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 81, Citation Count: 1

Location Based Services can be considered as the most rapidly expanding field of th communications sector. The proliferation of the mobile/wireless Internet, the const

use of handheld, mobile devices and positioning technologies ...

Keywords: Web Services, XML, location based Services

17 A reflective middleware for controlling smart objects from mobile devices
Diego López de Ipiña, Iñaki Vázquez, Daniel García, Javier Fernández, Iván García
October 2005 **sOc-EUSAI '05**: Proceedings of the 2005 joint conference on Smart obj
    intelligence: innovative context-aware services: usages and technologie:
Publisher: ACM
Full text available: Pdf (199.19 KB)   Additional Information: full citation, abstract, references

Bibliometrics: Downloads (6 Weeks): 3,   Downloads (12 Months): 47,   Citation Count: 0

Mobile devices are mainly used for communication, entertainment, and as electroni
However, their increasing computational, storage, communicational and multimedi
them suitable for previously unexpected scenarios such as ...

18 An Open Web Services Architecture
Stan Kleijnen, Srikanth Raju
March 2003 **Queue** , Volume 1 Issue 1
Publisher: ACM
Full text available: Html (24.96 KB), Pdf (1.59 MB) Additional Information: full citation, abstract, c

Bibliometrics: Downloads (6 Weeks): 190,   Downloads (12 Months): 489,   Citation Count: 5

The name of the game is web services—sophisticated network software designed to
need, when we need it, through any device we choose. We are getting closer to thi
recent years the client/server model has evolved ...

19 Implementing open standards: a case study of the Massachusetts open forma:
Rajiv Shah, Jay Kesan, Andrew Kennis
May 2008   **dg.o '08**: Proceedings of the 2008 international conference on Digital gov
Publisher: Digital Government Society of North America
Full text available: Pdf (370.60 KB)   Additional Information: full citation, abstract, references, inc

Bibliometrics: Downloads (6 Weeks): 24,   Downloads (12 Months): 139,   Citation Count: 0

In 2003, Massachusetts embarked on a policy to transition to open standards for in
technology. This article documents this historic process as Massachusetts was the f
set an open standards policy. The article also analyzes ...

Keywords: open standards, public policy, standards

20 Pluggable verification modules: an extensible protection mechanism for the JV
Philip W. L. Fong
October 2004 **OOPSLA '04**: Proceedings of the 19th annual ACM SIGPLAN conference
    programming, systems, languages, and applications
Publisher: ACM
Full text available: Pdf (224.39 KB)   Additional Information: full citation, abstract, references, cit
                                                                review

Bibliometrics: Downloads (6 Weeks): 4,   Downloads (12 Months): 49,   Citation Count: 1

Through the design and implementation of a JVM that supports Pluggable Verificati
(PVMs), the idea of an extensible protection mechanism is entertained. Link-time b
verification becomes a pluggable service that can be readily replaced, ...

Keywords: Aegis VM, Java virtual machine, bytecode verification, extensible prote extensible systems, mobile code security, pluggable verification modules, proof linl